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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

1

of 3

Complete if Known

Control Number	09/818,466
Filing Date	March 27, 2001
First Named Inventor	Lee, Sean
Art Unit	1615
Examiner Name	Sheikh, H.
Attorney Docket Number	99866-9

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
CHS	1	3,922,155	11-25-75	Broemer et al.	
	2	3,981,736	09-21-76	Broemer et al.	
	3	4,120,730	10-17-78	Trojer et al.	
	4	4,171,544	10-23-79	Hench et al.	
	5	4,189,325	02-19-80	Barrett et al.	
	6	4,234,972	11-25-80	Hench et al.	
	7	4,366,253	12-28-82	Yagi	
	8	4,478,904	10-23-84	Ducheyne et al.	
	9	4,560,666	12-24-85	Yoshida et al.	
	10	4,604,097	08-05-86	Graves et al.	
	11	4,652,534	03-24-87	Kasuga	
	12	4,698,318	10-06-87	Vogel et al.	
	13	4,737,411	04-12-88	Graves et al.	
	14	4,775,646	10-04-88	Hench et al.	
	15	4,777,041	10-11-88	Mercado	
	16	4,783,429	11-08-88	Shibuya et al.	
	17	4,786,555	11-22-88	Howard	
	18	4,851,046	07-25-89	Low et al.	
	19	4,871,384	10-03-89	Kasuga	
	20	4,965,071	10-23-90	Kawan	
	21	4,994,414	02-19-91	Yamamoto et al.	
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	23	5,074,916	12-24-91	Hench et al.	
	24	5,380,360	01-10-95	Noguchi et al.	
	25	5,614,489	03-25-97	Mohammadi et al.	
	26	5,658,332	08-19-97	Ducheyne et al.	
	27	5,735,942	04-07-98	Litkowski et al.	
	28	5,766,611	06-16-98	Shimono et al.	
	29	5,827,882	10-27-98	Yu et al.	
	30	5,834,008	11-10-98	Greenspan et al.	
	31	5,874,101	02-23-99	Zhong et al.	
	32	5,891,233	04-06-99	Salonen et al.	
	33	5,891,470	04-06-99	Rinaldi et al.	
	34	5,972,384	10-26-99	Thut et al.	
	35	5,977,204	11-02-99	Boyan et al.	
CHS	36	5,990,380	11-23-99	Marotta et al.	

Examiner Signature

Yunusa H. Sheikh

Date Considered

5-19-03

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Art Unit		1615	
Examiner Name		Sheikh, H.	
		Attorney Docket Number 99866-9	

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chs	37	5,997,887	12-07-99	Ha et al.	
chs	38	6,010,713	01-04-00	Zhong et al.	
chs	39	6,086,374	07-11-00	Litkowski et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)			
chs	40	EP	0 261 593	03-30-88	
	41	WO	97/27148	07-31-97	
	42	WO	98/11853	03-26-98	
	43	WO	98/46164	10-22-98	
	44	WO	98/46170	10-22-98	
	45	WO	99/13852	03-25-99	
chs	46	WO	99/16423	04-08-99	

Examiner Signature

Sameera H. Sheikh

Date Considered

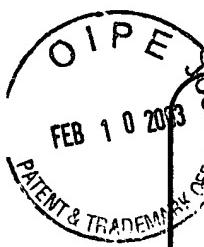
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			Examiner Name	Sheikh, H.
			Attorney Docket Number	99866-9

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
<i>OJS</i>	47	OGINO, M et al., "Compositional dependence of the formation of calcium phosphate films on bioglass", <u>Journal of Biomedical materials Research</u> , Vol. 14, pp. 55-64, 1980.		T ²
	48	WILLIAMS, D, <u>Biocompatibility of Orthopedic Implants</u> , chapter 6, pp. 130-170, September 1, 1982.		
	49	HULBERT, S., "History of Bioceramics", <u>Ceramics International</u> , Vol. 8, pp. 131-140, 1982.		TECH CENTER 1600 2000
	50	HENCH, L., et al., <u>Biomaterials: An Interfacial Approach</u> , pp. 145-148, Academic Press, 1982.		FEB 12 2003
	51	HENCH, L. et al., "Surface-Active Biomaterials", <u>Science</u> , Vol. 226, pp. 630-636, November 9, 1984.		
	52	GROSS, U. et al., "The Response of Bone to Surface-Active Glasses/Glass-Ceramics", <u>CRC Critical Reviews in Biocompatibility</u> , Vol. 4, No. 2, pp. 155-179, 1988.		
	53	GROSS, U. et al., "Surface Activities of Bioactive Glass, Aluminum Oxide, and Titanium in a Living Environment", <u>Annals New York Academy of Sciences</u> , pp. 211-226.		
	54	NIEMI, L. et al., "In vivo behaviour of glasses in the SiO ₂ -Na ₂ O-CaO-P ₂ O ₅ -Al ₂ O ₃ -B ₂ O ₃ -system", pp. 1-16.		
	55	HENCH, L., "Bioactive Glasses and Glass-Ceramics: A Perspective", <u>CRC Handbook of Bioactive Ceramics</u> , Vol. 1, pp.7-23.		
	56	BIRCHALL, J., "The interrelationship between silicon and aluminum in the biological effects of aluminum: <u>Silicon and Aluminum in Biology</u> ", pp. 50-67.		
	57	HENCH, L. et al., "Biological Applications of Bioactive Glasses", <u>Life Chemistry Reports</u> , Vol. 13, pp. 187-241, 1996.		
<i>OJS</i>	58	SCHEPERS, E. et al., "Bioactive Glass Particles of Narrow Size Range: A new material for the repair of bone defects", <u>Implant Dentistry</u> , Vol. 2, No. 3, pp. 151-156, 1993.		

Examiner Signature	<i>Yunera Y. Sheikh</i>	Date Considered	5-19-03
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